

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S119	182158	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 08:17
S120	4118	700/99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:38
S122	15009	438/5,7,10,11,14,16,17,18,22,23,24,29,31,34,35,36,128,129,130,149,484,538.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:38
S123	18990	S120 or S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:43
S125	101	S123 and (fabrication or manufacturing) same process\$4 and (history or model) and (ID or identification) same wafer and test\$4 and calculat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 16:47

## EAST Search History

S12 6	32	(US-20050057755-\$ or US-20040101983-\$ or US-20040053429-\$ or US-20040023422-\$ or US-20040019604-\$ or US-20040018653-\$ or US-20040009616-\$ or US-20030180973-\$ or US-20030148547-\$ or US-20030113945-\$ or US-20030019840-\$ or US-20030011376-\$ or US-20030003608-\$ or US-20030003607-\$ or US-20020196969-\$ or US-20020163637-\$ or US-20020155629-\$ or US-20020155628-\$ or US-20020116083-\$ or US-20020107604-\$ or US-20020059010-\$ or US-20020053065-\$ or US-20010051836-\$ or US-20010026949-\$).did. or (US-6970758-\$ or US-6880136-\$ or US-6847855-\$ or US-6775630-\$ or US-6773939-\$ or US-6727106-\$ or US-6622059-\$ or US-6408219-\$). did.	US-PGPUB; USPAT	OR	ON	2006/03/08 16:46
S12 7	32	S126 and (fabrication or manufacturing) same process\$4 and (history or model) and (ID or identification) same wafer and test\$4 and calculat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 16:47
S12 8	4277	700/99,100,101,102,103,104,105, 106,107,108,109,110,111,112,113, 114,115,116,117,118,119,120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:43
S12 9	15390	438/5,7,10,11,14,16,17,18,22,23,24, 29,31,34,35,36,128,129,130,149, 484,538.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:43
S13 0	19523	S128 or S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:45

## EAST Search History

S13 1	11	S130 and (parameter or measurement) and defect and (signature or model or mark) and (defect same source) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:55
S13 2	185224	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:54
S13 3	45333	"700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:55
S13 4	230135	S132 or S133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 17:55
S13 5	26	S134 and (parameter or measurement) and defect and (signature or model or mark) and (defect same source) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:11
S13 6	20	S135 and defect same (cluster or group or pack or collect\$4 or huddle or bunch\$4 or band or mass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:03
S13 7	19	(US-20060100730-\$ or US-20050122510-\$ or US-20050102052-\$ or US-20040266086-\$ or US-20030207475-\$ or US-20030096436-\$ or US-20020187582-\$ or US-20020142496-\$).did. or (US-6944521-\$ or US-6921672-\$ or US-6862491-\$ or US-6847907-\$ or US-6593152-\$ or US-6576923-\$ or US-6524873-\$ or US-6509197-\$ or US-6093243-\$ or US-5841669-\$ or US-5582640-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/24 18:02

## EAST Search History

S13 8	19	S137 and defect same (cluster or group or pack or collect\$4 or huddle or bunch\$4 or band or mass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:03
S13 9	5	(US-20030096436-\$ or US-20020187582-\$ or US-20050102052-\$).did. or (US-5582640-\$ or US-6944521-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/24 18:17
S14 0	29	S134 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same source) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:13
S14 1	3	S140 not S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:12
S14 2	33	S134 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:43
S14 3	7	S142 not S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:14
S14 4	2	(US-5463459-\$ or US-6363296-\$). did.	USPAT	OR	ON	2006/05/24 18:16
S14 5	7	S139 or S144	US-PGPUB; USPAT	OR	ON	2006/05/24 18:17
S14 6	7	S145 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 22:35

## EAST Search History

S14 7	7	S145 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 18:43
S14 8	3	(US-5463459-\$ or US-6363296-\$ or US-6944521-\$).did.	USPAT	OR	ON	2006/05/24 18:45
S14 9	3	(US-5463459-\$ or US-6363296-\$ or US-6944521-\$).did.	USPAT	OR	ON	2006/05/24 22:35
S15 0	3	S149 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 11:25
S15 1	185224	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:02
S15 2	45333	"700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:02
S15 3	230135	S151 or S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:02
S15 4	2	S149 and (parameter or measurement) and defect same (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:04
S15 5	366	S153 and (parameter or measurement) and defect same (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:04

## EAST Search History

S15 6	150	S153 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:34
S15 7	46	S156 and cluster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:34
S15 8	26	S156 and cluster same defect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 23:35
S15 9	6	(US-20020052053-\$).did. or (US-6393602-\$ or US-6324481-\$ or US-5831865-\$ or US-5913105-\$ or US-6751519-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/24 23:44
S16 0	6	(US-20020052053-\$).did. or (US-6393602-\$ or US-6324481-\$ or US-5831865-\$ or US-5913105-\$ or US-6751519-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/25 10:57
S16 1	0	S160 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 11:25
S16 2	6	S160 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 11:25
S16 3	6	(US-20020052053-\$).did. or (US-6393602-\$ or US-6324481-\$ or US-5831865-\$ or US-5913105-\$ or US-6751519-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/25 15:21
S16 4	6	S163 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 15:21

## EAST Search History

S16 5	3	(US-6393602-\$ or US-5831865-\$ or US-5913105-\$).did.	USPAT	OR	ON	2006/05/25 15:59
S16 6	2	("6438436").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 08:17
S16 7	0	S166 and (stop\$4 or abort\$4 or discontinu\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 08:18
S16 8	3	(US-6393602-\$ or US-5831865-\$ or US-5913105-\$).did.	USPAT	OR	ON	2006/05/30 09:59
S16 9	185502	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 10:00
S17 0	45411	"700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 10:00
S17 1	230487	S169 or S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 10:00
S17 2	150	S171 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 10:38
S17 3	3	S168 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 10:38
S17 4	3	(US-6393602-\$ or US-5831865-\$ or US-5913105-\$).did.	USPAT	OR	ON	2006/05/30 16:39

## EAST Search History

S17 5	3	S174 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 16:39
S17 6	3	(US-6393602-\$ or US-5831865-\$ or US-5913105-\$).did.	USPAT	OR	ON	2006/05/31 16:43
S17 7	3	S176 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:50
S17 8	3	S176 and defect\$4 same (position or coordinat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:45
S17 9	3	S176 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster or position or coordinat\$3)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 16:50
S18 0	3	(US-6393602-\$ or US-5831865-\$ or US-5913105-\$).did.	USPAT	OR	ON	2006/05/31 21:53
S18 1	3	S180 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster or position or coordinat\$3)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:57
S18 2	3	S180 and defect\$3 same (parameter or results or data or file or position or coordinate or source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:59

## EAST Search History

S18 3	3	S180 and defect\$3 same (parameter or results or data or file or position or coordinate or source or stor\$4 or sav\$4 or memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:06
S18 4	3	S183 and parameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:20
S18 5	0	S180 and (radial\$4 or annular or zon\$4) same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:21
S18 6	1	S180 and (radial\$4 or annular or zon\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:28
S18 7	1	S180 and (alert or alarm or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:43
S18 8	6	(US-20020052053-\$).did. or (US-6393602-\$ or US-6324481-\$ or US-5831865-\$ or US-5913105-\$ or US-6751519-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/31 22:37
S18 9	2	S188 and (alert or alarm or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:44
S19 0	185502	"438"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:44

## EAST Search History

S19 1	45411	"700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:44
S19 2	230487	S190 or S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:44
S19 3	33	S192 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and (position same (vector or algorithm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:49
S19 4	26	S193 and (alert or alarm or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:44
S19 5	26	(US-20040266086-\$ or US-20050122510-\$ or US-20030207475-\$ or US-20020142496-\$ or US-20040249495-\$ or US-20030096436-\$ or US-20020187582-\$ or US-20060059452-\$).did. or (US-4877940-\$ or US-6122562-\$ or US-6862491-\$ or US-5463459-\$ or US-6593152-\$ or US-6847907-\$ or US-6093243-\$ or US-5582640-\$ or US-6753261-\$ or US-7043389-\$ or US-5841669-\$ or US-6921672-\$ or US-6576923-\$ or US-6524873-\$ or US-6509197-\$ or US-6103539-\$ or US-6243657-\$).did. or (US-3272975-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 22:44
S19 6	26	S195 and (alert or alarm or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:45

## EAST Search History

S19 7	19	S195 and (alert or alarm or signal) same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:49
S19 8	1	S180 and (alert or alarm or signal or alert) same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 12:16
S19 9	1	S187 and (alert or alarm or signal or alert) same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:47
S20 0	0	S195 and alarm same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:49
S20 1	28	S192 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster)) and (computer or controller) and alarm same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 22:51
S20 2	28	(US-20050251277-\$ or US-20020016068-\$ or US-20020006731-\$ or US-20010016430-\$ or US-20050158888-\$ or US-20040175943-\$).did. or (US-5619429-\$ or US-6484306-\$ or US-6597381-\$ or US-4931949-\$ or US-6813032-\$ or US-6721045-\$ or US-6693708-\$ or US-6553275-\$ or US-6757621-\$ or US-6542830-\$ or US-6778272-\$ or US-6613588-\$ or US-6415191-\$ or US-5917726-\$ or US-5696686-\$ or US-6763130-\$ or US-6901564-\$ or US-6901352-\$ or US-6594590-\$ or US-6272437-\$). did. or (US-3478808-\$ or US-3246550-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 22:51

## EAST Search History

S20 3	28	S202 and alarm same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 23:06
S20 4	8	(US-20040175943-\$ or US-20050251277-\$).did. or (US-6542830-\$ or US-6553275-\$ or US-6597381-\$ or US-6757621-\$ or US-6763130-\$ or US-6901352-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/31 23:05
S20 5	8	S204 and alarm same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 23:06
S20 6	8	(US-20040175943-\$ or US-20050251277-\$).did. or (US-6542830-\$ or US-6553275-\$ or US-6597381-\$ or US-6757621-\$ or US-6763130-\$ or US-6901352-\$). did.	US-PGPUB; USPAT	OR	ON	2006/06/01 11:30
S20 7	8	S206 and alarm same defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:30
S20 8	3	(US-6393602-\$ or US-5831865-\$ or US-5913105-\$).did.	USPAT	OR	ON	2006/06/01 11:59
S20 9	3	S208 and (parameter or measurement) and defect and (signature or model or mark or structure) and (defect same (source or cluster or position or coordinat\$3)) and (computer or controller) and (position same (vector or algorithm or line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:59
S21 0	1	S209 and (alert or alarm or signal\$4 or alert or notif\$4 or warn\$4 or inform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 12:22

## EAST Search History

S21 1	1	S208 and (alert or alarm or signal\$4 or alert or notif\$4 or warn\$4 or inform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 12:28
S21 2	8	S206 and (alert or alarm or signal\$4 or alert or notif\$4 or warn\$4 or inform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 12:28
S21 3	2	(US-6542830-\$ or US-6763130-\$). did.	USPAT	OR	ON	2006/06/01 12:36
S21 4	2	S213 and (user or operator)	USPAT	OR	ON	2006/06/01 12:36
S21 6	3	S208 and (user or operator)	USPAT	OR	ON	2006/06/01 12:41
S21 7	3	S216 and (stor\$4 or memory or save)	USPAT	OR	ON	2006/06/01 12:49
S21 8	9	S207 or S208	USPAT	OR	ON	2006/06/01 12:49
S21 9	6	S218 and (cluster or ring or circl\$4) and (percentage or weight\$4 or ratio)	USPAT	OR	ON	2006/06/01 14:08
S22 0	6	(US-5831865-\$ or US-5913105-\$ or US-6393602-\$ or US-6542830-\$ or US-6757621-\$ or US-6901352-\$). did.	USPAT	OR	ON	2006/06/01 14:08
S22 1	6	S220 and (cluster or ring or circl\$4) and (percentage or weight\$4 or ratio)	USPAT	OR	ON	2006/06/01 15:15
S22 2	6	S220 and (percentage or weight\$4 or ratio)	USPAT	OR	ON	2006/06/01 17:12
S22 3	2	S222 and (radius or circle)	USPAT	OR	ON	2006/06/01 17:13
S22 4	3	S222 and (radius or circle or rotat\$4)	USPAT	OR	ON	2006/06/01 17:13